

THE ALGAE OF NEW JERSEY (U.S.A.) IX. CHLOROPHYTA (GREEN ALGAE). C. CHLOROCOCCALES AND SIPHONALES

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This is the ninth paper in the series examining the distribution of algae in the state of New Jersey. The genera are listed alphabetically and the collection dates chronologically within them. Further ecological data may be obtained from the original sources.

DIVISION CHLOROPHYTA

GREEN ALGAE

Chlorococcales

Actinastrum gracilimum G.M. Smith  
Delaware/Raritan Canal (D/R Canal) (6); Johnson Park, New Brunswick (7); Millstone River (11)

Actinastrum hantzschii Lagerheim  
D/R Canal (6); Raritan River and Johnson Park (7)

Ankistrodesmus convolutus Corda  
northern shore (16); Oradell Reservoir (17)

Ankistrodesmus falcatus (Corda) Ralfs  
North Branch of Raritan River (11); northern shore (16); Oradell Reservoir (17)

Botryococcus braunii Kutz  
ponds (3); state (4); D/R Canal (5); Pine Barrens (15)

Characium acuminatum A. Braun  
South Branch of Raritan River (11)

Characium angustatum A. Braun  
Johnson Park (7); Oradell Reservoir (17)

Characium gracillipes Lambert  
Johnson Park (7)

Characium pringsheimii A. Braun  
golf course ditch and Johnson Park (7)

Characium sessile Herm  
Cranberry Pond, Sussex Co (3); state (4)

Characium stipitatum (Bachmann) Wille  
D/R Canal (6)

Chlorella marina Butcher  
northern shore (16)

Chlorella ovalis Butcher  
northern shore (16)

Chlorella salina Kufferoth  
northern shore (16)

Chlorella vulgaris Beyer  
Oradell Reservoir (17)

Chlorococcum humicola (Naegli) Rabenhorst  
northern shore (16); Oradell Reservoir (17)

Chodatella chodati (Bernard) Ley  
D/R Canal (6)

Clsteriopsis longissima Lemm.  
D/R Canal (6)

Codiolum gregarium  
Barnegat Bay (13)

Coelastrum cambricum Archer  
ponds (3); South Branch of Raritan River (11)

Coelastrum microporum Nag  
ponds (3); D/R Canal (6); Johnson Park (7)

Coelastrum proboscideum Bohlin  
state (4)

Coelastrum sphaericum Nag  
Oradell Reservoir (17)

Crucigenia apiculata (Lemm) Schmidle  
Johnson Park (7)

Crucigenia fenestrata Schmidle  
Johnson Park (7)

Crucigenia quadrata Morren  
Johnson Park (7)

Crucigenia rectangularis (Nag) Gray  
D/R Canal (6)

Dictyosphaerium ehrenbergianum Naeg  
frequent in ponds (3); state (4)

Dictyosphaerium pulchellum Wood

D/R Canal (6); Johnson Park (7)

Dictyosphaerium reniforme Bulnh

occasional in ponds (3); state (4)

Dimorphococcus cordatus Wolle

ponds (2)

Eremosphaera viridis De By

frequent in small pools (3)

Errerella bornhemiensis Conrad

D/R Canal (6)

Golenkinia paucispina W & GS West

D/R Canal (6)

Hydrodictyon reticulatum (L) LagerheimJohnson Park (7); North and South Branches of Raritan,  
Millstone River and Raritan River (11)Hydrodictyon utriculatum Roth

frequent in sluggish waters (3)

Kirchneriella obesa (Kirchner) Møbeus

D/R Canal (6)

Pediastrum angulosum (Ehrb) Menegh

frequent in ponds (3); state (4)

Pediastrum asperum

Hackensack River (18)

Pediastrum biradiatum Meyen

D/R Canal (6); South Branch of Raritan River (11)

Pediastrum boryanum (Turp) Meneghiniponds (3); state (4); D/R Canal (6); Raritan Estuary (9);  
North and South Branch of Raritan River, Millstone River  
(11); Hackensack River (14, 18)Pediastrum boryanum var. longicorne Raciborski

North and South Branch of Raritan River (11)

Pediastrum clathratum (Schroeter) Lemm

Hackensack River (18)

Pediastrum duplex Meyenstate (4); D/R Canal (6); Johnson Park (7); Raritan Estuary  
(9); North and South Branches of Raritan River (11)

Pediastrum duplex var. clathratum (A. Braun) Lag  
D/R Canal (5); North and South Branches of Raritan River and  
Millstone River (11); Hackensack River (14); Oradell  
Reservoir (17)

Pediastrum duplex var. cohaerens Bohlin  
Millstone and Raritan Rivers (11)

Pediastrum duplex var. gracillimum West & West  
D/R Canal (6); North and South Branches of Raritan River and  
Millstone River (11); Hackensack River (14); Oradell  
Reservoir (17)

Pediastrum duplex var. reticulatum Lag  
D/R Canal (6)

Pediastrum ehrenbergii (Corda) A. Braun  
frequent in pools (3)

Pediastrum forcipatum (Corda) A. Braun  
frequent in ponds (3); state (4)

Pediastrum gracillimum W & G.S. West  
D/R Canal (6)

Pediastrum integrum Nag  
Hackensack River (18)

Pediastrum muticum Kutz  
ponds, occasional (3)

Pediastrum obtusum Luchs  
North and South Branches of Raritan River (11)

Pediastrum pertusum Kutz  
everywhere in pools (3)

Pediastrum salenaea Kutz  
South Branch of Raritan (11)

Pediastrum simplex Meyen  
South Branch of Raritan River (11); Hackensack River (18)

Pediastrum simplex var. duodenarium (Bail) Raben  
D/R Canal (6); South Branch of Raritan River (11); Oradell  
Reservoir (17); Hackensack River (18)

Pediastrum tetras (Ehr) Ralfs  
frequent in pools (3); state (4); D/R Canal (6); North and  
South Branches of Raritan River and Millstone River (11);  
Hackensack River (18)

Pediastrum tetras var. tetraodon (Corda) Hansg  
Hackensack River (18)

Pediastrum tricornutum Borge  
Hackensack River (18)

Scenedesmus abundans (Kirch) Chodat  
South Branch of Raritan River (11)

Scenedesmus abundans var. assymetrica (Schroed) G.M. Smith  
South Branch of Raritan River (11)

Scenedesmus acuminatus (Lag) Chodat  
Johnson Park (7); North and South Branches of Raritan River  
(11)

Scenedesmus acutiformis Schr  
North Branch of Raritan River and Millstone River (11)

Scenedesmus acutus Meyen  
shallow, stagnant water (3); North and South Branches of  
Raritan River (11)

Scenedesmus arcuatus Lem  
D/R Canal (5); Raritan River (7)

Scenedesmus armatus (Chod) G. M. Smith  
Johnson Park (7); Oradell Reservoir (17)

Scenedesmus attenatus Breb  
South Branch of Raritan (11)

Scenedesmus bijuga (Turp) Lager  
D/R Canal (6); North and South Branches of Raritan River and  
Millstone River (11); Oradell Reservoir (17)

Scenedesmus bijuga var. alternans (Reinsch) Bory  
North Branch of Raritan River (11)

Scenedesmus caudatus Corda  
shallow, stagnant water (3)

Scenedesmus denticulatus Lag  
North Branch of Raritan River (11)

Scenedesmus dimorphus (Turp) Kutz  
shallow, stagnant water (3); D/R Canal (5); Johnson Park  
(7); Raritan Estuary (9); South Branch of Raritan River  
(11); Oradell Reservoir (17)

Scenedesmus incrassatulus Bohlin  
North and South Branches of Raritan River and Millstone

River (11)

Scenedesmus longus Meyen  
Johnson Park (7)

Scenedesmus longus var. naegeli (Breb) G.M. Smith  
North Branch of Raritan River (11)

Scenedesmus obliquus (Turp) Kutz  
D/R Canal (6); North and South Branches of Raritan River  
(11)

Scenedesmus obtusus Meyen  
shallow, stagnant freshwater (3)

Scenedesmus opoliensis P. Richter  
Johnson Park (7); Raritan Estuary (9); North Branch of  
Raritan River (11)

Scenedesmus perforatus Lemm  
Millstone River (11)

Scenedesmus protuberans Fritsch & Rich  
Johnson Park (7)

Scenedesmus quadricauda (Turp) Breb  
D/R Canal (6); Johnson Park and Raritan River (7); Raritan  
Estuary (9); North and South Branches of Raritan River and  
Millstone River (11); Barnegat Bay (12); northern shore  
(16); Oradell Reservoir (17)

Scenedesmus quadricauda var. longispina (Chodat) G.M. Smith  
North and South Branches of Raritan River and Millstone River  
(11)

Scenedesmus quadricauda var. maximum West & West  
South Branch of Raritan River (11)

Scenedesmus quadricauda var. parvus G.M. Smith  
South Branch of Raritan River (11)

Scenedesmus quadricauda var. quadrispina (Chodat) G.M. Smith  
Raritan River (11)

Scenedesmus quadricauda var. westii G.M. Smith  
North Branch of Raritan River (11)

Schroederia setigera (Schroeder) Lemm  
D/R Canal (6)

Selenastrum bibrainum Reinsch  
D/R Canal (6)

Sorastrum spinulosum Nag  
Frequent in ponds (3)

Tetraedron gracile (Reinsch) Hansg  
D/R Canal (6)

Tetraedron lobulatum (Nag) Hansg  
D/R Canal (6)

Tetraedron minimum (A Braun) Hansg  
northern shore (16)

Tetraedron trigonium var. gracile (Reinsch) De Toni  
D/R Canal (6)

Tetraedron trigonium var. punctatum (Kirchner) Hansg  
state (4)

Treubaria triapendiculata Bernard  
D/R Canal (6)

#### Siphonales

Bryopsis hypnoides Lamour  
Jersey City on ferry bridge (3); Barnegat Bay (13)

Bryopsis plumosa (Huds) C. Ag  
Atlantic City (1); Great Egg Harbor (3); Cape May (5);  
Raritan Bay (8); Great Bay and Mullica River (10); Barnegat  
Bay (13)

Codium fragile ssp tomentosoides  
Barnegat Bay (13)

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